INTRODUCTION

The attached table is a compilation of the court automation infrastructure standards adopted by the Missouri Court Automation Committee. Note that the standards specify minimum configurations and also the configuration most commonly purchased now. These are for new purchases and do not impact current equipment and software, which work successfully with Court Automation solutions.

Because of Judicial Information System (JIS) requirements, the Standards have been expanded to include more specific language relating particularly to server and printer specifications.

- The Applications Server provided for each court is reserved for JIS and other system applications. It is configured by technical staff for the optimal configuration. No modifications to the server are allowed without specific approval, in writing, by the Project Director.

- Print requirements for JIS dictate the use of networked printers. Printers shared from workstations and local printers are not acceptable for JIS.

Software versions have generally been removed from the descriptions with the current released version of software accepted as standard. The significant exception to this is that the network operating system for the Application Server must be Microsoft Windows 2000 Advanced Server, Service Pack 4 and Windows Server 2003 Enterprise, Service Pack 1. This version and service pack level is routinely installed on these servers and may not be changed.

For courts not purchasing from the competitively bid state contracts, specifications for court automation workstations are attached. These specifications must be used to guarantee compliance and compatibility.

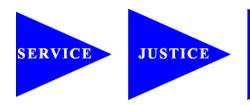| OSCA Help Desk SERVERS, WORKSTATIONS AND PRINTERS	
Desktop Personal Computer (Minimum Configuration)	**For new computers:** Pentium processor (MHz based on current availability) 512 MB RAM (min) 1 GB preferred 20 GB hard drive 17" SVGA color monitor 3COM or Integrated Intel 10/100/1000 or Integrated Broadcom 10/100/1000 Ethernet card CD-ROM drive CDRW-ROM (optional) Sound Card Floppy (optional)

Laptop Personal Computer
(Minimum Configuration)
	For new computers:
	Pentium processor (MHz based on current availability)
	512 MB RAM (min), 1 GB preferred
	20 GB hard drive
	14" or greater TFT XGA color screen
	3COM 574 or Integrated Intel 10/100/1000 or
	  Integrated Broadcom 10/100/1000 Ethernet card
	CD-ROM drive, CDRW-ROM Floppy Drive (optional)
	Sound Card (recommended, but optional)
	Modem (minimum speed of 56 kbps support for the
	  Hayes AT command set)(recommended but optional)

Servers – LAN, Lotus Notes, Forms (Minimum Configuration)	**HP/Compaq Proliant** Pentium 1.5 – 2 GHz; 1 GB RAM; 3 – 36 GB hard drives Hot Swapable drive
Servers – Application (Minimum Configuration)	**HP/Compaq Proliant** Pentium 1.5 – 2 GHz, dual processor; 1GB RAM; 5-36 GB hard drives RAID-5 redundancy/RAID 0+1 Hot Swapable drive
Printers Most Common Now: HP LaserJet 2420DNDN or 2430TN HP 4250TN/N or 4200TN or 4350TN/N HP 2300N (color printer) HP 1300N **Printable area must be at least a quarter inch each side of the page and support postscript printing.**	**Hewlett Packard LaserJet and DeskJet Series** For ALL Courts, printers must support PCL5, PCL6 and Postscript **HP Laser Jet with MICR modules (may need to be customized)** For courts which elect to print magnetic coding on checks—Must contact OSCA technical staff before purchasing

Hardware/Software Component	Standard
Multifunction Products With printer, copier, FAX, scanner capabilities	**Acceptable:** HP 4101 or 4345XM or 4345XS
Bar Code Printer (Label Printer)	**Acceptable:** Zebra TLP 2844-Z – 8 MB SDRAM Note: must use Zebranet Print Server II
Print Servers	**Hewlett Packard Jet Direct** Required for network printers without an internal print server.
Bar Code Scanner	**Programmable Code Laser Scanner-Wasp or Pin Point** Handheld laser scanner with a PS/2, and/or USB keyboard adapter
LOCAL AREA NETWORK (LAN) PERIPHERALS	
Tape Drives	**HP LTO**
Uninterruptible Power Supply	**APC Smart UPS**
Modems	Minimum speed of 5 6kbps support for the Hayes AT command set (recommended but optional)
Optical Storage	**CD-ROM/CD/CD-RW/DVD-RW**
Networked CD-ROM Drive Option	**Standalone CD-ROM Miniserver**
Jump Drives	**Lexar JumpDrive Secure or Kingston Data Traveler Elite**
LOCAL AREA NETWORK AND WORKSTATION SOFTWARE	
Network Operating System	**Windows 2000 Server w/Service Pack 4**, or Windows 2003 SP1 for Domain Controllers and File Servers **Windows Server 2003 Enterprise Edition,** w/Service Pack 1 for Application Servers/Database Servers
Desktop Operating System	**Microsoft Windows 2000 Professional w/SP4**
Office Automation (Word processing, spreadsheet, presentation, and database)	**Microsoft Office XP**
Help Desk	**ASG Impact**
Project Management Software	**Microsoft Project**
Sound Recording	**FTR – for version information please contact OSCA-IT**
WEB Browser	**Microsoft Internet Explorer**
Groupware/Electronic Mail	**Lotus Notes**
Document Viewer	**Adobe Acrobat**
Anti-Virus Software	**InoculateIT, Webshield Appliance**
Workflow/Graphics	**Microsoft Visio**
Report Generator	**Cognos ReportNet, Crystal Reports**
Remote Communications	**PC Anywhere, SMS**
File Compression	**WinZip**
Network Backup Software	**ARCserve, HP Data Protector**
Network Management Software	**Microsoft System Management Server (SMS), CiscoWorks, MS Software Update Services (SUS), HPOpenview, MRTG**
Sanitization Software	**Killdisk**
Media Player	**Windows Media Player**
Defragmentation Software	**Disk Keeper**

WAN/LAN COMPONENTS	
Hubs and Switches **Wireless Bridge** **Routers** **LAN Wiring** **LAN Topology** **Network Protocol** **Internet Access**	**Cisco** **Cisco/Alvarion** **Cisco** **Category 5E UTP (min) Wiring System Category 6 Recommended** **10/100/1000 Base T or 10/100 Base T** **TCP/IP** **State of Missouri Network**
Remote Access/Security	**Cisco AS5*** with ACS and RSA** **Secure ID tokens (*** Use current Cisco AS model)**
VPN	**Cisco VPN 3000** **Cisco Pix Firewall**
VPN Client	**Cisco VPN Client**
Wireless Encryption	**Air Fortress**

For Additional information,
contact OSCA at
(573) 522-5577
888-541-4894
or via Lotus Notes at
OSCA Help Desk

Statewide Court Automation
Minimum Personal Computer Requirements
for Courts Conducting Competitive Bid Process

The following are the <u>minimum</u> requirements for personal computers for use with statewide court automation. If a court is not purchasing computers from the prime vendor contract, the following must be specified:

- ➢ Intel Pentium® processor
- ➢ Intel motherboard
- ➢ 1 GB Ram with 512K L2 Cache
- ➢ 3 Com 905C PCI or Integrated Intel 10/100/1000 or Integrated Broadcom 10/100/1000 NIC
- ➢ CD ROM, CDRW ROM drive
- ➢ 16 MB PCI or AGP Video card
- ➢ 17" SVGA Color Monitor, .28dot, 1024x768 resolution @ 75hz
- ➢ 20 GB Ultra ATA IDE hard drive
- ➢ 104 key keyboard
- ➢ Microsoft or Logitech PS/2 Mouse
- ➢ DMI 2.0 compliant desktop management software
- ➢ Desktop or Tower Case
- ➢ Windows 2000 Professional or Windows XP Professional (Note: XP will be downgraded to Win2K)
- ➢ Microsoft Office XP
- ➢ InoculateIT anti-virus software
- ➢ 3 year warranty with1 year on-site service
- ➢ 7 x 24 toll-free telephone support
- ➢ All components <u>must</u> be on the Windows Hardware Compatibility list

If a computer does not meet these minimum specifications, the Office of State Courts Administrator will not be able to ensure that court automation software will work correctly or that OSCA support will be available. Peripheral devices that have not been provided by OSCA such as wireless mice and/or keyboards, headsets, PDAs etc. will be removed if found to be contributing to the malfunctioning of a workstation or laptop.